

General Notes

- All construction shall conform to the City of Lee's Summit's Design and Construction manual, latest edition, in effect on the city's approval date shown on these plans and incorporated herein by reference.
- All work within the road right of way shall conform to the technical specifications and design criteria for public improvement projects of the City of Lee's Summit, Missouri.
- The contractor shall be responsible for keeping the public streets in the vicinity of the job site clean and free of rocks, soil and debris.
- The contractor shall be responsible to control downstream erosion and siltation during all phases of construction. Erosion control procedures shall be in place prior to beginning excavation/construction activities. Erosion control devices (staked hay bales/silt fencing) shall be installed and maintained throughout land disturbance activities in accordance with the city of Lee's Summit, Missouri and the Missouri Department of Natural Resources (DNR) standards.
- The contractor is responsible for providing berms, silt fence, straw bales, or other means to prevent erosion from reaching the right of way. In the event the prevention measures are not effective, the contractor shall remove any debris and erosion, restoring the right of way to original or better condition.
- All work and materials shall be subject to inspection and approval by the owner or the owner's representative. Any change or deviation from these plans must be authorized by the owner or the owner's representative.
- The contractor shall be responsible for job site safety of his own personnel, for all visitors to the site and for the general public.
- The contractor shall remove all debris resulting from work under this contract to an approved dump site.
- All traffic control in conjunction with construction in the right of way shall be in conformance with the Manual of Uniform Traffic Control Devices.
- The contractor shall be required to provide a stabilized parking area for construction vehicle parking.
- The general contractor shall contact all utility companies prior to the start of construction and verify the location and depth of any utilities that may be encountered during construction.
- The contractor shall field verify existing surface and subsurface ground conditions prior to the start of construction.
- Slopes shall maintain a maximum 3:1 slope for mowed areas.
- The contractor shall be responsible for obtaining all required permits, paying all fees, and otherwise complying with all applicable regulations governing the project.
- The contractor shall provide a temporary gravel access drive to prevent mud from being deposited onto the adjacent road.
- Contractor is to provide erosion protection for all storm sewer inlets.
- Recommendations made by the geotechnical engineer, to be retained by the owner, and contained in the geotechnical report shall govern project conditions unless noted otherwise.
- The contractor is responsible for the protection of all property corners, any property corners disturbed or damaged by construction activities shall be reset by a professional land surveyor licensed in the State of Missouri, at the contractor's expense.
- The contractor shall be responsible for the restoration of the right-of-way and for damaged improvements such as curbs, sidewalks, street light and traffic signal junction boxes, traffic signal loop lead ins, signal poles, etc. damaged improvements shall be repaired in conformance with the latest City standards and to the City's satisfaction.
- The contractor shall sod all disturbed areas within the public street right-of-way.
- Public sanitary sewer mains shall be constructed of SDR 35 PVC pipe or as shown on drawings. Service connections shall be SDR 26 PVC piping at a minimum 2% slope.
- Public Works inspections (816)969-7450 must be contacted a minimum of forty-eight (48) hours in advance of any excavation on site.
- All existing water and sanitary sewer lines shall be shown on the plans with their appurtenant structures, e.g., manholes, valves and hydrants in conformance with City of Lee's Summit records. Questions about these existing utilities should be directed to the Records Technician, Water Utilities Engineering, (816)969-7621

Utility Legend

_____	existing
_____	proposed
<u>Linetypes</u>	
_____	sanitary main
_____	sanitary service
_____	storm sewer (solid wall)
_____	storm sewer (solid wall)
_____	storm sewer (perforated)
_____	storm sewer (perforated)
_____	water main
_____	water service (fire)
_____	water service (domestic)
_____	water service (irrigation)
_____	natural gas main
_____	natural gas service
_____	overhead primary electric
_____	underground primary electric
_____	overhead secondary electric
_____	underground secondary electric
_____	underground site electric
_____	overhead cable/phone/data
_____	underground cable/phone/data
_____	overhead cable/phone/data service
_____	underground cable/phone/data service

Property Legend

_____	ROW & Property Lines
_____	Easements

Benchmarks

- BM #
- Benchmark #1:**
"4" Cut into concrete gutter on north side of the NW Blue Parkway entrance to site.
Elev: 1004.99'
- Benchmark #2:**
Top Center of Water MH
Elev: 999.37'

Contour Legend

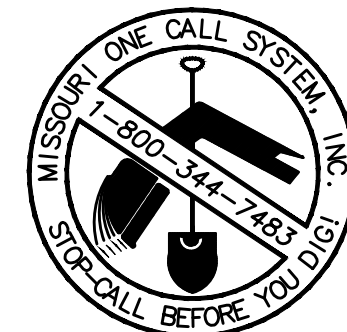
_____	existing major
_____	existing minor
_____	proposed major
_____	proposed minor

Erosion Control Legend

_____	Pre-paving silt fence
_____	Post-paving inlet protection

Utility Contacts

- SANITARY SEWERS - City of Lee's Summit, Phone (816) 969-7606,
STORM SEWERS - City of Lee's Summit, Phone (816) 969-7307,
WATER - City of Lee's Summit, Phone (816) 969-7606,
ELECTRIC - Aquila, Phone (816) 737-7465
GAS - Missouri Gas Energy, Phone (816) 969-2230
TELEPHONE - Southwestern Bell Telephone, Phone (816) 275-8215
CABLE - Time Warner Co., Phone (816) 358-5360



Prior to grading, install pre-grading silt fence as shown. Ends of the silt fence shall be returned uphill a minimum of 6' (vertical), typ. Silt fence shall remain in place and be maintained through entire construction duration. Only when tributary area to silt fence is stabilized shall the fence be removed. Stabilize disturbed areas after removal for project close-out. See detail

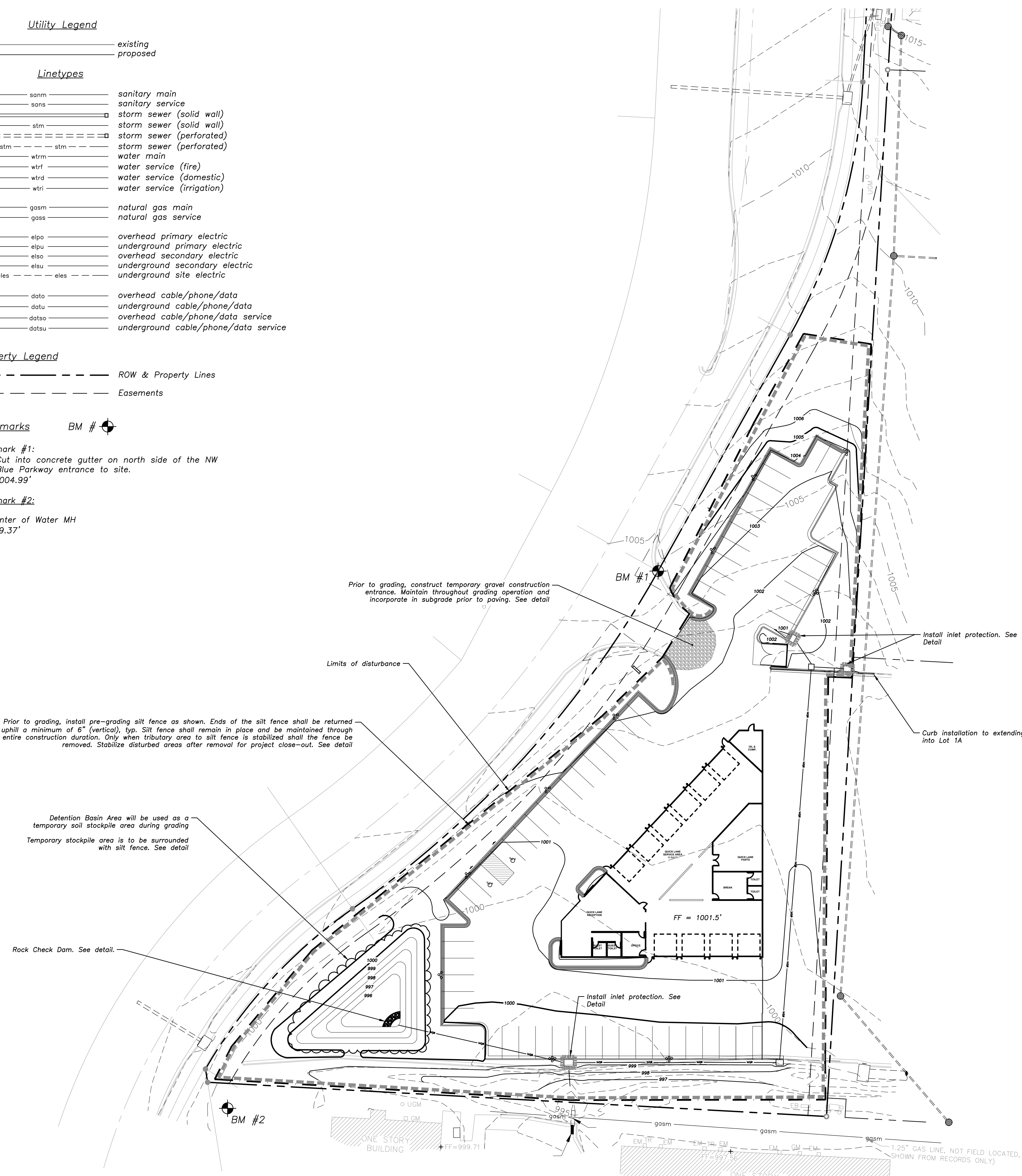
Detention Basin Area will be used as a temporary soil stockpile area during grading. Temporary stockpile area is to be surrounded with silt fence. See detail

Rock Check Dam. See detail.

Prior to grading, construct temporary gravel construction entrance. Maintain throughout grading operation and incorporate in subgrade prior to paving. See detail

Install inlet protection. See Detail

Curb installation to extending into Lot 1A



1 Grading & Erosion Control Plan

1"=30'
0 15 30 60

a proposed new facility for
Bob Sight Quick Lane
NW Blue Parkway
Lee's Summit, Missouri

date 10.21.16
drawn by IRW
checked by PAM
revisions

sheet number

C2.1

drawing type PDP
project number 16192